

24.
174. The memory controller of claim 172 further including a
delay lock loop circuit coupled to the first external clock signal,
the delay lock loop circuit generating a first internal clock
signal, wherein the multiplexer circuitry couples the first portion
of data to ~~the input of~~ the output driver circuitry in response to
the first internal clock signal.

25.
175. The memory controller of claim 174 wherein the delay lock
loop circuit generates a second internal clock signal, wherein the
multiplexer circuitry couples the second portion of data to the
~~input of the~~ output driver circuitry in response to the second
internal clock signal.--

REMARKS

This Preliminary Amendment seeks to place this application in condition for allowance. This application is a continuation of Application No. 09/252,998, which is a continuation of Application No. 09/979,127, now U.S. Patent 5,915,105. Application Serial No. 09/252,998 is pending.

Applicants request priority to Application Serial No. 07/510,898, filed April 18, 1990, now abandoned. Applicants request such priority through Application No. 09/252,998, filed on February 19, 1999 (still pending), which is a continuation of Application No. 08/979,127, filed on November 26, 1997 (now U.S. Patent 5,915,105), which is a continuation of Application No.

08/762,139, filed on December 9, 1996 (now U.S. Patent 5,809,263); which is a continuation of Application No. 08/607,780, filed February 27, 1996 (now abandoned); which is a continuation of Application No. 08/222,646, filed on March 31, 1994 (now U.S. Patent 5,513,327); which is a continuation of Application No. 07/954,945, filed on September 30, 1992 (now U.S. Patent 5,319,755); which is a continuation of Application No. 07/510,898, filed on April 18, 1990 (now abandoned).

Accordingly, Applicants claim the benefit of the filing date of Application Serial No. 07/510,898 -- i.e., April 18, 1990. The specification has been amended to identify the continuation or related U.S. application data identified above. No new matter has been added.

In this continuation application, Applicants present new claims which set forth novel and unobvious features of Applicants' invention. Applicants submit new claims 151-175 to more fully protect the instant invention. No new matter has been added.

The newly submitted claims are believed to be fully supported by the specification -- see, for example, Figures 2 and 10-13; page 13, line 13 to page 14, line 3; page 20, line 20 to page 21, line 20; page 27, line 23 to page 28, line 20; page 46, line 19 to page 48, line 17; page 53, line 5 to page 59, line 2.

Applicants have also amended the specification to correct obvious spelling, typographical and grammatical errors. In addition, a new Abstract of the Disclosure is attached hereto. No new matter has been added.

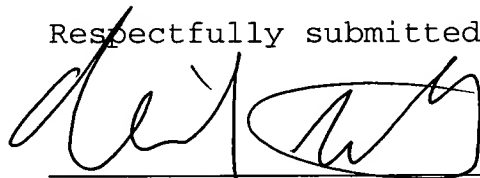
Finally, accompanying this Preliminary Amendment is a Request to Approve Drawing Changes. In that Request, Applicants seek to amend Figure 10 to more fully reflect the discussion in the specification, in particular, page 55, lines 12-16 and page 58, lines 13-23. The proposed changes are indicated in red. No new matter has been added. Applicants respectfully request that the Examiner approve the proposed changes to Figure 10. A new Figure 10 which incorporates the changes is also attached to the Request.

CONCLUSION

Applicants request entry of the foregoing amendment prior to examination of this application. Applicants submit that all of the claims present patentable subject matter. Accordingly, Applicants respectfully request allowance of all of the claims.

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Respectfully submitted,



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